

Segment Software Installation Procedures

Netscape Collabra Server (NSCBRA) Version 1.0.0.1/3.01 (HP-UX 10.20)

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Preface

The following conventions are used in this document:

| | |
|-------------------|---|
| Bold | Used for information that is typed, pressed, or selected in executables and instructions. For example, select connect to host . |
| <i>Italics</i> | Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text. |
| <u>Underline</u> | Used for emphasis. |
| Arrows <> | Used to identify keys on the keyboard. For example <Return>. |
| “Quotation Marks” | Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example “Data-Generation Report.” |
| Courier Font | Used to denote anything as it appears on the screen or command lines. For example <code>tar xvf dev/rmt/3mm</code> . |
| Capitalization | Used to identify keys, screen icons, screen buttons, field, and menu names. |

1. Installation Procedures

1.1 Scope

These Installation Procedures (IP) provide a quick reference for installing the Netscape Collabra Server (NSCBRA) segment for the Defense Information Infrastructure (DII) on Hewlett-Packard (HP)-based machines.

1.1.1 Identification

Segment Name: Netscape Collabra Server
Segment Type: COTS:COE CHILD
Prefix: NSCBRA
Home Directory: /h/COTS/NSCBRA
Required License: Netscape Collabra Server License.
Version Number: 1.0.0.1/3.01
Platform: HP (UNIX) Workstation/HP-UX 10.20

1.1.2 System Overview

This section contains system overview information for the NSCBRA segment:

Purpose: The NSCBRA segment is a News Group Server application produced by Netscape Communications Corporation and is used for collaborative discussion groups. Access to the server is performed with the Network News Transmission Protocol (NNTP).

Usage: This NSCBRA segment can be used to create public discussion groups and security-enhanced, private discussions between DII sites.

References: *Netscape Collabra Server – Administrator's Guide (UNIX)* from Netscape Communications Corporation accompanies each licensed copy of the Netscape Collabra Server. On-line documentation accompanies the software, and additional documentation can be downloaded from Netscape at <http://www.netscape.com/>.

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2. Referenced Documents

Netscape Collabra Server – Administrator’s Guide (UNIX) from Netscape Communications Corporation accompanies each licensed copy of the Netscape Collabra Server.

Netscape Colabra Server - Installation Guide for UNIX from Netscape Communications Corporation accompanies each licensed copy of the Netscape Collabra Server.

On-line documentation accompanies the software, and additional documentation can be downloaded from Netscape at <http://www.netscape.com/>.

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3. System Environment

3.1 System Requirements

3.1.1 Hardware Requirements

The following HP hardware is necessary to install the NSCBRA segment:

- HP-UX 10.20
- 200000 KB of disk space
- 32000 KB of memory

3.1.2 Operating System Requirements

The HP operating system must be at least HP-UX 10.20 to install the NSCBRA segment.

3.1.3 Kernel Requirements

The following DII Common Operating Environment (COE) Kernel is required to install the NSCBRA segment:

DII COE Kernel V3.2 or higher for HP-UX 10.20

3.2 System and Site Preparation

3.2.1 System Configuration

The installation will fail if Netscape SuiteSpot Servers and PERL have not been previously installed. Enter the Netscape SuiteSpot Servers, PERL, and Netscape Collabra Server segments in the COE Component Table (*/h/COE/data/Comp_Table*). Install the Netscape SuiteSpot Servers and PERL segments.

3.2.2 Operating System Preparation

None.

3.2.3 Tape/Disk Preparation

None.

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4. Installation Instructions

4.1 Media Booting Procedures

Not applicable.

4.2 Installation Procedures

NOTE: Netscape's Web Browser can not be running during the installation. Additionally, before the installation is attempted the following information must be noted if using the lightweight directory access protocol (LDAP) Directory Server:

1. The Admin Name and Password for the LDAP Directory Server.
2. The host and domain name where the LDAP Directory Server is located.
3. The LDAP Port number (389 is registered for non-secure and 636 for secure LDAP)
4. The LDAP Directory suffix (i.e. ou=DoD, o=USGOV, c=US)

If a Netscape Admin server has already been installed and configured for LDAP on the current machine, then the NSCBRA segment must also be installed with LDAP.

Use the following steps to install the NSCBRA segment on DII HP machines.

Step 1: Select the **Netscape Collabra Server** label from the COEInstaller's Select Software to Install window and click the **Install** button.

Step 2: Enter the name of the SuiteSpot administrative user at the following prompt:

```
Please enter the admin login name [ admin ] :
```

NOTE: If you have previously installed one of the SuiteSpot segments on this platform, then the admin user name has already been established and you must enter it here. If this is the first SuiteSpot server segment to be installed (after the SuiteSpot segment itself, of course) then you are determining what the SuiteSpot login name will be. It is recommended that you accept the default name (*admin*).

Step 3: Enter the password for the SuiteSpot *admin* user account at the following prompt:

```
Please enter the admin password:
```

NOTE: If you have previously installed one of the SuiteSpot segments on this platform, then the *admin* password has already been established and you must enter it here. If this is the first SuiteSpot server segment to be installed (after the SuiteSpot segment itself, of course) then you are determining what the SuiteSpot login password will be. It must be at least six alphanumeric characters in length, and contain both letters and numbers.

If a LDAP Directory Server is to be used, the user will be prompted for the following:

Step 4: Select if Secure Socket Layers (SSL) are to be used with the LDAP server. If SSL is selected use port number 636 instead of 389.

```
Are you going to use the Secure Socket Layer (SSL) to  
connect the LDAP server [no]:
```

NOTE: If SSL is to be used then answer "yes" to this prompt; otherwise, accept the default "no" by pressing enter.

Step 5: Enter the host and domain where the LDAP server resides.

```
Please enter the fully qualified host name of the LDAP  
server [host.your.domain]:
```

Step 6: Enter the LDAP server port number.

```
Please enter the LDAP port [389]:
```

NOTE: The LDAP port number is registered with DISA and should not be changed. The default should be accepted.

Step 7: Enter the LDAP directory suffix.

```
Enter the Netscape LDAP suffix [ou=DoD, o= USGOV,  
c=US]:
```

NOTE: The LDAP directory suffix must be entered correctly. Should an error be made the Collabra server will instantiate; however the LDAP directory services will not operate correctly.

Step 8: Enter the LDAP ADMIN user name.

Please enter the Netscape LDAP admin username [admin]:

NOTE: The admin name for the Collabra server with LDAP installed should be the same. If the admin names are different and an error occurs when trying to administer a SuiteSpot server from the Web Browser try one name then the other.

Step 9: Enter the LDAP ADMIN password.

Enter the Netscape LDAP admin password:

4.2.1 De-Installation Procedures

To de-install the NSCBRA segment, you must first have removed any Collabra Server instantiations from the platform via Netscape's Admin Server. To use the Admin Server, run a web browser and connect to *http://machine name:5351/* (where *machine_name* is the name of the machine upon which the Collabra Server is installed). Follow the on-line instructions for removing a server. Once all Collabra Server instantiations are removed, then the segment will de-install via the COEInstaller.

4.3 Installation of Upgrade

Not applicable.

4.4 Installation Verification

Open the Netscape Web Browser and enter the *machine name:5351* where the admin server is installed. An instance of Netscape Collabra Server should be present and the "on" button should be green.

To further verify that this software has been completely installed, execute the following commands:

```
cd /h/COTS/SuiteSpot/ns-home-3/news-machineName/config
```

```
grep suffix news.conf
```

View the */etc/groups* entry to verify news group was created.

```
view /etc/group <Return>
```

```
An entry news::216 should exist.  
An entry sspot::218 should exist
```

View the */etc/passwd* entry to verify www user exist.

```
view /etc/passwd <return>
```

```
An entry news:234:216:Netscape admin user should exist  
An entry sspot:218:218: Netscape SSPOT user should  
exist
```

View the */etc/services* entry to verify server exist.

```
view /etc/services <return>
```

```
ensure port 119 is active for NNTP:tcp.  
port 563 is active under entry Netscape Collabra Server  
for news Secure Socket Layer (SSL)  
port 5351 is active under the entry Netscape SuiteSpot  
Server for the admin server.
```

4.5 Initializing the Software

Not required.

4.6 List of Changes and Enhancements

Not applicable.

4.7 Important Considerations

Determining the distinguished name of the subtree handled by this server is important to the entire directory system (i.e., it is not only of concern to your site). Follow the guidelines established by your engineering office regarding both the distinguished name of your site, domain name service (DNS) aliasing, and directory replication.

5. Notes

None.

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